Index of Claims

| Δnn | lication | n/Contro | LNA     |
|-----|----------|----------|---------|
| ~bb | IICalio  |          | ,, 14O. |

10/564,535

Examiner

Evelyn A. Lester

Applicant(s)/Patent under Reexamination

TUKKER ET AL.

Art Unit

2873

| <b>√</b> | Rejected |
|----------|----------|
| 1        | Allowed  |

|   | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|  |   |            |  |                |          |              |  |  | _            |          |
|--|---|------------|--|----------------|----------|--------------|--|--|--------------|----------|
| Cla  | Claim                                       |            |  | _              |          | Dat          | е  |  |              |          |
| Final  | S Original                                  | 4/2/07     |  |                |          |              |  |  |              |          |
| <b>—</b>   | (1)   | 1          | ┢  | ╁╌             | ╁╴       | t            | ┿  | ╁  | $\vdash$     | ┢        |
|  | 2   | 1          |  | t              | $\vdash$ |              | $\vdash$   | t  | t            | H        |
|  | 3   |            | T  | T              | 1        | ✝            | T  | T  | T            | $\vdash$ |
|  | 4   | 1          |  | T              | 1        |              | T  | 1  | Ī            |          |
|  | 5   | 1          |  |                |          |              | 1  |  |              | Ī        |
|  | 6<br>(7)                                    | 1          |  |                |          |              |  |  |              |          |
|  | (7)   | V          |  |                |          |              | $\Box$   |  |              |          |
| <u></u>  | 8   | 1          | <u> </u>   |                | L        | <u> </u>     | ┖  | <u> </u>   |              |          |
| <u> </u>   | 9   | 0          | ╙  | 1_             | 匚        | _            |  | L  | <u> </u>     | ļ        |
|  | 10  | o          | ļ  | <del> </del> _ | ┡        | ļ            | ┞-   | ┡  | <u> </u>     | _        |
|  | (17)  | ٧,         | <u> </u>   | ļ              | ╀        | _            | <b> </b>   | ┡  | <u> </u>     | ╙        |
| <u> </u>   | 13  | V          | ├  | Ͱ              | -        | ⊢            | ⊢  | ├-   | <del> </del> |          |
| -  | 44  | 7 7 7      | <del> </del>                                     | ₩              | $\vdash$ | ├            | ╀  | -  | $\vdash$     | -        |
| +  | 9<br>10<br>(11)<br>(12)<br>(13)<br>14<br>15 | \ <u>`</u> | -  | +-             | $\vdash$ | <del> </del> | $\vdash$   | $\vdash$   | ╁            | $\vdash$ |
|  | 16  | -          | ┢  | ┢              | ╁╌       |              | $\vdash$   | $\vdash$   | ┢╾           | ╁─       |
| $\vdash$   | 17  |            | ┢  | ╁              | 一        | H            | <del>                                     </del> | <del> </del>                                     | ┢            | $\vdash$ |
|  | 18  | $\vdash$   | <del>                                     </del> | t              |          | ┢            | t  | <del>                                     </del> | $\vdash$     | H        |
|  | 19  | ┢          | Н  | $\vdash$       | T        | T            | $\vdash$   | t  | 1            |          |
|  | 20  | -          |  |                | $\vdash$ | $\vdash$     | <del>                                     </del> | T  | 一            |          |
|  | 21  | <u> </u>   | 1  | T              | İ        |              | f  | 1  |              |          |
|  | 22<br>23                                    |            |  |                |          |              |  |  |              |          |
|  | 23  |            |  |                |          |              |  |  |              |          |
|  | 24  |            |  |                |          |              |  |  |              |          |
|  | 25<br>26                                    |            |  |                |          |              |  |  |              |          |
| <u></u>  | 26  |            |  | $oxed{oxed}$   | <u> </u> | _            | L_   | 匚  | ļ            | L        |
|  | 27<br>28                                    |            | <u> </u>   | ╙              | _        | ┞            | <u> </u>   | _  | <u>L</u>     | _        |
| $\vdash$   | 28  |            | <u> </u>   |                | L        | Ь            |  | <u> </u>   | L.           | <u> </u> |
|  | 29  |            | ├  | ļ              | ├-       | _            |  | <u> </u>   | ļ            | <u> </u> |
|  | 30<br>31                                    | <u> </u>   | <u> </u>   | <u> </u>       | ├        |              | ⊢  | <b> </b>   | <u> </u>     | L        |
| -  | 32  | -          | _  | ⊢              | ⊢        | -            | -  | ⊢  | ⊢            |          |
|  | 33  |            | _  | ⊢              | ⊢        | -            | ├  | ŀ-   | $\vdash$     |          |
| $\vdash \vdash \vdash$                           | 34  |            | -  | ╁─             | H        | <del> </del> |  | $\vdash$   | $\vdash$     | $\vdash$ |
| $\vdash$   | 35  | _          | _  | _              | ┢╌       | $\vdash$     |  | ┢  | -            |          |
| $\vdash$   | 36  | -          | $\vdash$   | $\vdash$       | $\vdash$ |              |  | $\vdash$   | $\vdash$     |          |
|  | 37  |            |  | 1              | Г        |              | ╁  | $\vdash$   | Г            |          |
|  | 38  |            |  | Г              |          | $\vdash$     |  |  |              |          |
|  | 39  |            |  |                |          |              |  |  |              |          |
|  | 40  |            |  |                |          |              |  |  |              |          |
|  | 41  |            |  |                |          |              |  |  |              |          |
| $\vdash \vdash$                                  | 42  |            |  | <u> </u>       | _        | Щ            | <u> </u>   | <u> </u>   | <u> </u>     | Ш        |
| $\vdash \vdash$                                  | 43  | _          |  | _              | L.       |              | _  | L  | <u> </u>     | <u> </u> |
| $\vdash$   | 44  | _          |  | <u> </u>       |          | $\vdash$     | ļ  | L  | _            | Щ        |
| $\vdash$   | 45  | _          |  | <u> </u>       | _        | $\vdash$     | _  | _  |              | Щ        |
| <del>                                     </del> | 46<br>47                                    |            | _  | $\vdash$       | <u> </u> | $\vdash$     | <u> </u>   | <u> </u>   | $\vdash$     | <u> </u> |
| $\vdash$   | 48  | -          | _  | <del> </del>   | <u> </u> |              | $\vdash$   |  | $\vdash$     | Н        |
|  | 49  | -          | -  | -              | _        | $\vdash$     | $\vdash$   | -  | $\vdash$     | $\vdash$ |
| <del>   </del>                                   | 50  | _          | _  |                | Η-       | $\vdash$     | $\vdash$   |  | -            | Н        |
|  |   |            |  | ı              | !        |              | i  | 1  |              |          |

| Γ        | Claim    |                |          | Date     |  |  |  |          |          |  |          |  |
|----------|----------|----------------|----------|----------|--|--|--|----------|----------|--|----------|--|
|          | Final    | Original       |          |          |  |  |  |          |          |  |          |  |
| ŀ        |          | 51<br>52       | ├        | ┝        | ┝  | $\vdash$   | -  | ├        |          | ┝  | ┝        |  |
| Г        |          | 52             |          | T        | T  | T  | t  | T        | $\vdash$ | ╁┈   |          |  |
| r        |          | 53             | 1-       |          | T  | Г  | <del>                                     </del> | †        | 1        | $\vdash$   | $\vdash$ |  |
| r        |          | 54             | 1        | T        |  | T  | T  | †        | İТ       | f  | Т        |  |
| $\vdash$ |          | 54<br>55       | 1        | ┢        | <u> </u>   | T  |  | T        |          | † –  |          |  |
| r        |          | 56             | $\vdash$ | $\vdash$ |  | T  | 1  | Т        |          | T  |          |  |
| r        |          | 57             | $\vdash$ | 1        | ╁  | $\vdash$   | $\vdash$   | 一        |          | ╁╴   | $\vdash$ |  |
| r        |          | 58             |          |          | T  |  | 1  | t        | T        | ┢  | -        |  |
| r        |          | 59             | Т        | T        | $\vdash$   | H  | ┢  | $\vdash$ |          | Г  | 1        |  |
| Γ        |          | 60             |          | T        | <del>                                     </del> | H  |  | 1        |          | $\vdash$   |          |  |
| r        |          | 61             | ┖        | Г        | <del>                                     </del> | <del>                                     </del> |  | Г        | ┢        |  |          |  |
| r        |          | 62             | Г        | T        |  | Ι_   |  | Г        | $\vdash$ | Г  | T-       |  |
| Γ        |          | 63             |          |          |  |  | 1  | T        | Т        | T  | ┢        |  |
|          |          | 64             |          | Ι        |  |  |  | Г        |          | T-   |          |  |
| Г        |          | 65             |          |          | T  | 1  | Г  | Г        | <b> </b> | T  | $\vdash$ |  |
| Г        |          | 66             |          |          |  |  | $\vdash$   | Г        | Г        |  | _        |  |
| Γ        |          | 67             |          |          |  |  |  |          |          |  | _        |  |
| Г        |          | 67<br>68       |          |          |  |  |  |          |          |  | _        |  |
| Г        |          | 69             |          |          |  |  |  | T        | Г        |  |          |  |
| Г        |          | 70             |          |          | T  |  | Г  | Т        |          | <del>                                     </del> |          |  |
| Г        |          | 70<br>71       |          |          |  |  |  | Г        |          | T-   |          |  |
| Г        |          | 72             |          |          | Г  |  |  |          |          |  |          |  |
| Г        |          | 73             |          |          | Г  |  | Г  |          |          |  |          |  |
|          |          | 72<br>73<br>74 |          |          |  |  |  |          |          |  |          |  |
|          |          | 75<br>76       |          |          |  |  |  |          |          |  |          |  |
|          |          | 76             |          |          |  |  |  |          |          |  |          |  |
| Ĺ        |          | 77             |          |          |  |  |  |          |          |  |          |  |
|          |          | 78<br>79       |          |          |  |  |  |          |          |  |          |  |
| L        |          | 79             |          |          |  |  |  |          |          |  |          |  |
|          |          | 80             |          |          |  |  |  |          |          |  |          |  |
| L        |          | 81             |          |          |  |  |  |          |          |  |          |  |
| L        |          | 82             |          |          |  |  |  |          |          |  |          |  |
| L        |          | 83             |          |          |  |  | $oxed{oxed}$                                     |          |          |  |          |  |
| L        |          | 84             |          |          |  |  |  |          |          |  |          |  |
| L        |          | 85             |          |          |  |  | L_   |          |          |  |          |  |
| L        |          | 86             |          |          |  |  | L.   |          |          |  |          |  |
| ┡        |          | 87             |          |          |  |  | _  |          |          |  |          |  |
| L        | _        | 88             |          |          |  |  |  |          |          |  |          |  |
| L        |          | 89             |          | _        |  |  |  |          |          |  |          |  |
| H        | _        | 90             |          | Ш        | $\vdash$   |  | Щ  | <u> </u> |          |  |          |  |
| L        |          | 91             |          | _        | Щ  |  | <b>-</b>   | Щ        |          |  |          |  |
| L        | $\dashv$ | 92             |          |          | Щ  | _  |  |          |          |  |          |  |
| ⊣        |          | 93             | _        |          |  |  | Н  |          |          |  |          |  |
|          | $\dashv$ | 94             |          |          | Щ  |  | Н  |          | Щ        |  |          |  |
| $\vdash$ | -        | 95             |          |          | $\vdash$   |  | $\vdash$   | Щ        | $\vdash$ |  |          |  |
| $\vdash$ |          | 96<br>97       |          |          | $\vdash$   | _  | $\vdash$   | $\vdash$ | $\vdash$ |  |          |  |
| $\vdash$ |          | 98             | _        | -        | Н  | $\vdash$   | $\vdash$   | $\vdash$ |          |  | _        |  |
| H        | $\dashv$ | 99             | -        |          | $\vdash$   | _  | $\vdash$   | $\dashv$ | $\vdash$ | $\vdash$   |          |  |
|          | - 1      | 33 I           |          | 1        |  |  |  |          |          |  |          |  |

| CI           | aim  | Date     |              |              |          |          |          |   |  |                      |
|--------------|--|----------|--------------|--------------|----------|----------|----------|---|--|----------------------|
|              |  | Г        | Γ            | Γ            |          |          |          |   |  | П                    |
| Final        | Original   |          |              |              |          |          |          |   |  |                      |
| <u> </u>     | 101  | -        | t            | 1            | Т        | -        | ┢        |   | -  | Н                    |
|              | 102  |          |              |              | <b> </b> | Т        | Т        |   |  | П                    |
|              | 101<br>102<br>103<br>104<br>105                      |          |              |              |          |          |          |   |  |                      |
|              | 104  | L        |              |              |          |          |          | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ld}}}$ |  |                      |
|              | 105  | <u> </u> | <u> </u>     | <u> </u>     |          | _        | L        | _   | L  | Ш                    |
|              | 106<br>107<br>108                                    | <u> </u> |              | ├            | <u> </u> | ╙        | ┡        | L   | ļ  | Ш                    |
|              | 107  | -        | <del> </del> | <del> </del> | ⊢        | _        | ⊢        | ⊢   | <u> </u>   | -                    |
| <del> </del> | 100  | ⊢        | -            | ├            | -        | ┢        | H        | ļ .   | _  | $\vdash$             |
| _            | 110  | $\vdash$ |              | ├            | H        | ┢╌       | -        |   | <del>                                     </del> | $\vdash\vdash\vdash$ |
|              | 109<br>110<br>111<br>112<br>113                      | 1        | H            | $\vdash$     | -        | $\vdash$ | ╁        | 一   | 1  | Н                    |
|              | 112  | <u> </u> |              |              |          | 1        |          | 1   | <u> </u>   | Н                    |
|              | 113  |          |              |              |          | 1        |          | -   | 一  | П                    |
|              | 114<br>115<br>116<br>117                             |          |              |              |          |          |          |   |  |                      |
|              | 115  |          |              |              |          |          |          |   |  |                      |
|              | 116  |          |              | Ŀ            |          | <u> </u> | _        | L   |  | Ш                    |
|              | 117  |          | <u> </u>     | Ļ            | _        | ┞_       | <u> </u> | <u> </u>                                    |  | Ш                    |
|              | 118<br>119<br>120<br>121                             | ļ        | <del> </del> |              | <u> </u> | $\vdash$ | <u> </u> | <u> </u>                                    | L  | Н                    |
|              | 119  | <u> </u> | _            | ├-           | _        | $\vdash$ | ⊢        | -   | $\vdash$   | Н                    |
|              | 121  | $\vdash$ | -            | -            | -        | ⊢        | $\vdash$ | -   | $\vdash$   | Н                    |
|              | 122  |          |              | ┢            |          | ┼─       | $\vdash$ | -   | $\vdash$   | Н                    |
|              | 123  |          |              | <u> </u>     | $\vdash$ | $\vdash$ | -        | $\vdash$                                    | <u> </u>   | Н                    |
|              | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 |          |              |              |          | $\vdash$ | $\vdash$ |   |  | Н                    |
|              | 125  |          |              |              |          |          |          |   |  | П                    |
|              | 126  |          |              |              |          |          |          |   |  |                      |
|              | 127  |          |              |              |          | L        |          |   |  |                      |
|              | 128  |          |              | <u> </u>     |          | <u> </u> |          |   |  | Ш                    |
|              | 129  | _        | L.           | _            |          | L.,      |          |   |  | $\vdash$             |
|              | 130<br>131   |          |              |              |          |          |          |   | _  | $\vdash$             |
|              | 132  |          | <u> </u>     |              |          | $\vdash$ |          | -   |  | Н                    |
| -            | 132<br>133<br>134                                    |          | _            |              |          |          |          |   |  | Н                    |
|              | 134  |          |              | $\vdash$     |          |          | -        |   |  | $\vdash$             |
|              | 135  |          |              |              |          |          |          | _   |  | $\vdash$             |
|              | 135<br>136   |          |              |              |          |          |          | _   |  |                      |
|              | 137  |          |              |              |          |          |          |   |  |                      |
|              | 138<br>139   |          |              |              |          |          |          |   |  |                      |
|              | 139  |          |              |              |          |          |          |   |  | Ш                    |
|              | 140  |          |              | _            |          | _        |          |   |  | Ш                    |
|              | 141<br>142   | $\vdash$ |              | <u> </u>     |          | -        | _        | Ш   |  | $\square$            |
|              | 143  |          |              | $\dashv$     |          | $\vdash$ |          |   | $\dashv$   | H                    |
| $\dashv$     | 144  | $\dashv$ |              | Н            |          | Н        | Н        | Н   | Н  | $\dashv$             |
|              | 145  | -        |              | Н            |          | Н        | =        |   |  | $\vdash$             |
|              | 146  |          |              | Н            |          | Н        | -        | Н   |  | $\dashv$             |
|              | 147  |          | T            |              |          | П        |          |   |  | $\sqcap$             |
|              | 148  |          |              |              |          |          |          |   |  |                      |
|              | 149  |          |              |              |          |          |          |   |  |                      |
|              | 150  |          |              |              |          |          |          |   |  |                      |